

102.1 - Aluminum Base Alloys (chip and disk forms)

These SRMs are intended for analyses of aluminum alloys by chemical and instrumental methods. SRMs 1710 through 1715 are specially prepared to include low levels of cadmium and lead encountered in the analysis of recycled aluminum. SRM 2426 is a hot-dip coating alloy for sheet steel applications.

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	Mg	Si	Mn	Cu	Zn	Ti	Cr	Fe	Ni	Sn	Pb	Ga	V	Zr	Sr
87a	Aluminum-Silicon Alloy	75 g	0.37	6.24	0.26	0.30	0.16	0.18	0.11	0.61	0.57	0.057	0.093	0.020			
853a	Aluminum Alloy 3004	40 g	1.092	0.1810	1.251	0.1504	0.0514	0.0205	0.504		0.00429	(0.0003)		0.0176	0.01842	(0.0023)	
854a	Aluminum Alloy 5182	40 g chip	4.474	0.1553	0.3753	0.0494	0.0505	0.0335	0.0340	0.1990	0.0195			(0.0185)	0.0174		(0.0002)
855a	Aluminum Casting Alloy 356	30 g	0.37	7.07	0.060	0.13	0.085	0.15	0.013	0.14	0.016	0.010	0.019		(0.012)	(0.003)	0.018
856a	Aluminum Casting Alloy 380	30 g	0.063	9.21	0.35	3.50	0.96	0.065	0.060	0.85	0.37	0.10	0.11		(0.014)	(0.003)	0.018
858	Aluminum Alloy 6011	35 g	1.01	0.79	0.48	0.84	1.04	0.042	0.0011	0.078	0.0006						0.0030
1240c	Aluminum Alloy 3004	ea	1.110	0.1804	1.268	0.1484	0.0514	0.0218		0.501	0.00434	(0.0004)	(0.0009)	0.0181	0.01850	(0.0023)	
1241c	Aluminum Alloy 5182	disk	4.498	0.1544	0.3792	0.0497	0.0506	0.0317	0.0343	0.1997	0.0198	(0.0002)	(0.0005)	0.0184		(0.002)	(0.0002)
1255b	Aluminum Alloy 356	disk	0.3822	7.298	0.0527	0.1161	0.0842	0.1477	(0.0150)	0.1170	0.0179	0.1334	0.0182	0.0175	0.0316		0.0164
1256b	Aluminum Alloy 380	disk		9.362	0.3857	3.478	1.011	0.0877	0.0572	0.865	0.4135	(0.0091)	0.1075	(0.0183)	0.0212		0.0188
1258-l	Aluminum Alloy 6011	disk	1.00	0.80	0.481	0.848	1.03	(0.040)	(0.0011)	0.080	(0.0006)			(0.011)			
1259	Aluminum Alloy 7075	disk	2.48	0.18	0.079	1.60	5.44	(0.04)	0.173	0.205	0.063			(0.022)			
1710	Aluminum Alloy 3004	disk											0.00177				
1711	Aluminum Alloy 3004	disk											0.00639				
1712	Aluminum Alloy 3004	disk											0.01559				
1713	Aluminum Alloy 5182	disk											0.001712				
1714	Aluminum Alloy 5182	disk											0.00653				
1715	Aluminum Alloy 5182	disk											0.01509				
2426	55 % Aluminum - Zinc Alloy	40 g chip		1.925			38.92			0.454				Al 58.18			

*See current certificate of analysis for exact assigned values and estimates of uncertainty. Values in parentheses denote either reference or information values.